In the Claims:

Please amend claims 1 and 9-17, and add new claims 18-19 as indicated below. This listing of claims replaces all prior versions.

1. (Currently Amended) A method of transmitting data between a transmitter and a receiver, comprising the steps of:

transmitting, by the transmitter, a data packet onto multiple paths of a wireless network between the transmitter and the receiver, at least one of the paths including at least one repeater transceiver node;

forwarding, by the at least one repeater node, the data packet to the receiver and storing, by the at least one repeater node, a copy of the forwarded data packet;

issuing a NACK signal over the network, by the receiver, in the event that the data packet is not properly received; and

initiating retransmission tting of the data packet onto the network by the at least one of the repeater node[[s]] upon responsive to receipt of the NACK signal by the at least one repeater node, the at least one repeater node initiating retransmission of the data packet by transmitting the stored copy of the forwarded data packet to the receiver.

2. (Previously Presented) The method of claim 1 in which the retransmitting step is effected by all repeater nodes that forwarded the data packet and that receive the NACK signal.

3. (Previously Presented) The method of claim 1 in which the retransmitting step is effected by at least one of the repeater nodes and the transmitter.

4. (Previously Presented) The method of claim 1 in which the transmitter does not retransmit the original data packet in the event of the issuing of a NACK signal by the receiver.

5. (Previously Presented) The method of claim 4 in which the transmitter does not listen for NACK signals relating to its own transmitted data packets.

6. (Previously Presented) The method of claim 1 in which the step of retransmitting the data packets onto the network by the at least one repeater node includes the step of using multiple paths available from the repeater node to the receiver.

7. (Previously Presented) The method of claim 1 further including the step of the receiver issuing an ACK signal in the event that the data packet is correctly received, the at least one repeater node forwarding the ACK signal to the transmitter.

8. (Previously Presented) The method of claim 1 further including the step of retransmitting the data packet, by the repeater node, after a first predetermined retransmittal interval if no ACK or NACK signal is received in respect of a forwarded data packet.

9. (Currently Amended) The method of claim 8 further including the transmitter retransmitting the data packet step after a second predetermined retransmittal interval if no ACK signal is received, the second predetermined retransmittal interval being greater than the first predetermined retransmittal interval.

10. (Currently Amended) A repeater node for forwarding data packets, received from a transmitter node, to a receiver node that is the end destination of the packet, in a wireless network, the repeater node comprising:

    a receive module for receiving data packets originating from the transmitter;

    a transmit module for forwarding the data packet to another node in the network;

    a pending packet buffer for storing copies of the forwarded data packets from the transmit module; and

    a retransmission module for initiating retransmission-tting over the network of data packets of the previously forwarded data packets for which NACK signals are received, responsive to the NACK signals being received by the repeater node, the retransmission module initiating retransmission of the data packets for which NACK signals are received by transmitting the stored copies of these data packets.

11. (Currently Amended) The repeater node of claim 10 further including a purge module for removing a stored data packet from the pending packet buffer when responsive to an ACK signal being received in respect of that data packet.

12. (Currently Amended) The repeater node of claim 10 in which the retransmission module includes a module for retransmitting the data packets over all available paths.

13. (Currently Amended) The repeater node of claim 10, wherein the repeater node is adapted to forward ACK signals to the transmitter but and not to forward NACK signals to the transmitter.

14. (Currently Amended) The repeater node of claim 10 in which the retransmission module further includes a module for retransmitting the data packets after a first predetermined retransmittal interval when no corresponding ACK or NACK signal is received.

15. (Currently Amended) A wireless network of communicating nodes ~~including~~ comprising:

a transmitter node, a receiver node and at least one repeater node for forwarding data packets, received from the transmitter node, to the receiver node that is the end destination of the data packets, ~~comprising~~ the at least one repeater node including:

a receive module ~~in the repeater node~~ for receiving the data packets originating from the transmitter;

a transmit module ~~in the repeater node~~ for forwarding the data packets to another node in the network;

a pending packet buffer ~~in the repeater node~~ for storing copies of the forwarded data packets; and

a retransmission module ~~in the repeater node~~ for initiating retransmi~~tting~~ssion, over the network, of data packets of the previously forwarded data packets in response to receiving NACK signals, the retransmission module initiating retransmission of the data packets of the previously forwarded data packets by transmitting the stored copies of these data packets.

16. (Currently Amended) The network of claim 15 in which the retransmission module,

in the repeater node, further includes a module for retransmitting the data packets after a

first predetermined retransmittal interval when no corresponding ACK or NACK signal is

received.

17. (Currently Amended) The network of claim 16 further including a second

retransmission module, in the transmitter, for retransmitting the data packets after a

second predetermined retransmittal interval that is longer than the first retransmittal

interval, when no corresponding ACK or NACK signal is received.

18. (New) The network of claim 15, wherein the transmitter node does not retransmit data

packets in response to receiving the NACK signals.

19. (New) The network of claim 15, wherein the transmitter node does not listen for

NACK signals relating to its own transmitted data packets.